

Agenda for Week of: Dec 20, 2010

Classroom Character Theme: _____

Chapter 4 Sections 2 & 3 Focus Questions (Thurs & Fri):

- 1) How can matter (all "stuff") be made ofempty space?!?
- 2) How is an electron like a latter?



| Date | Objectives | Vocabulary | Homework |
|--------------------------------------|--|---|---|
| Monday 12/20 | Contrast atomic # & mass # | <u>Atom</u> -proton (p^+) -neutron (n^0) -electron (e^-) atomic number (= # p^+) mass number (= # $p^+ + n^0$) | 1) Read Ch 4.2 (pages 119 – 127) 2) List and define the highlighted vocab & p. 127 #1-6, 9 |
| Tues 12/21 Winter Solstice! | Describe how electrons exist on "energy levels" and can be drawn on a Bohr Model | Quanta Energy level Orbital Photon Wave Particle Wave-particle Duality Bohr Model | 1) Read pp. 128-132 2) Answer p. 132 #1-5 |
| Wed 12/22 | Empower3000 | | Finish all 6 Empower articles! |
| Thurs, 12/23 | Practice Bohr Models using Whiteboards & Holiday Party | | -- |
| Fri, 12/24 | Happy Holidays! Merry Christmas & Happy New Year! ☺ | | -- |

REMINDERS

- 1) **Calculator:** Remember to bring your calculator to class every day!
- 2) **Binder:** Bring it to class **every day**. You will have a weekly Binder Check Pop-quiz.
- 3) **Homework** counts for 10% of your grade and is supposed to HELP your grade!
- 4) Students who fail to complete homework may receive **academic detentions**.
- 5) **Have questions?** Stay for **tutoring** on Mondays and Thursdays HERE from 2:45 – 3:30. You will earn **extra credit** for showing this extra effort!

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| Empower3000 Articles for the 2nd Marking Period: <ol style="list-style-type: none"> 1) New Rules for Cigarette Makers 2) Small Cars Make Big Jumps in Safety 3) No Driver? No Problem! 4) Paper Spaceships? 5) Are Speedos too Speedy? 6) The Plastic Bottle Boat | HOW? Follow these five steps after login into www.empower3000.com <ol style="list-style-type: none"> 1) Reply to the email 2) Read the article 3) Complete the "Activity" 4) Answer the "Thought Question" using complete sentences 5) Vote on the "Poll" |
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